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## PRESSURE SENSITIVE SCROLLBAR FEATURE

Patent number:

JP11511580T

Publication date:

1999-10-05

Inventor: Applicant: Classification:

- international:

G06F3/033

- european:

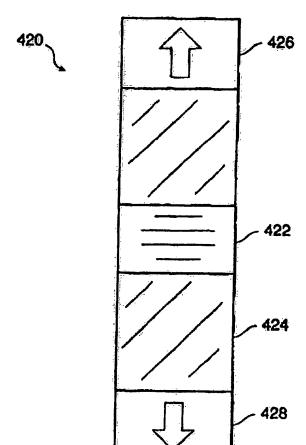
Application number: JP19960518925T 19961106

Priority number(s): WO1996US17862 19961106; US19950558114

19951113

Abstract not available for JP11511580T Abstract of correspondent: **W09718508** 

A proximity sensor system includes a sensor matrix array having a characteristic capacitance on horizontal and vertical conductors connected to sensor pads. The capacitance changes as a function of the proximity of an object to the sensor matrix. The change in capacitance of each node in both the X and Y directions of the matrix due to the approach of an object is converted to a set of voltages in the X and Y directions. These voltages are processed by circuitry to develop electrical signals representative of the centroid of the profile of the object, i.e., its position in the X and Y dimensions. Noise reduction and background level setting techniques inherently available in the architecture are employed. Pressure information is used to modify the scrolling speed.



Also published as:

WO9718508 (A1)

EP0861462 (A1)

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